PATENT

IN THE UNITED STATES PATENT AND TRADEMARI

Applicants:

Alvin R. Wirthlin

For:

OPTICAL TRANSDUCER

Serial No.:

09/828,101

Filed:

April 7, 2001

Docket No.:

ARW007USP

Assistant Commissioner for Patents Washington, DC 20231

Examiner:

Group Art Unit:

N/A

KECKLIKED RAMA SER SON MAIN AMAN I certify that this document and fee is being deposited on August 29, 2001 with the US Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for

Patents, Washington, D.C. 20231.

INFORMATION DISCLOSURE STATEMENT

Sir:

9

The enclosed references listed on the attached Form PTO-1449 are submitted pursuant to 37 C.F.R. §§ 1.97-1.99 in accordance with Applicant's duty of disclosure as set forth at 37 C.F.R. § 1.56.

This Information Disclosure Statement is submitted before the issuance of a first Office action.

The submission of the accompanying information is not intended to imply that more pertinent prior disclosures may not exist, nor is it an admission by Applicant that any one or more of the submitted documents form a part of the scope and content of the prior art.

Respectfully submitted,

8/29/01

Alvin R. Wirthlin, Reg. No. 40, 267

Akin, Gump, Strauss, Hauer & Feld, L.L.P.

P.O. Box 688

Dallas, TX 75313-0688

(214) 969-2800

PTO/SB/08A (10-96) Approved for use through 10/31/99. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB contains.

Substitute for form 1449A/PTO	Complete if Known /		
INFORMATION DISCLOSURE	Application Number	09/828,101	CD 0 4 2001
	Filing Date	April 7, 2001	2
STATEMENT BY APPLICANT	First Named Inventor	Alvin R. Wirthlin	<u> </u>
	Group Art Unit	2877	- A
(use as many sheets as necessary)	Examiner Name	N/A	PRADEMA
Sheet 1 of 1	Attorney Docket Number	ARW007USP	

		-	U.S. P	ATENT DOCUMENTS		
		U.S. Pater	t Document		Date of Publication	Pages, Columns, Lines,
Examiner Initials	Cite No.1	Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	of Cited Document MM-DD-YYYY	Where Relevant Passage or Relevant Figures Appear
	_	6,173,609		Modlin et al.	01/16/2001	
		6,172,377		Weiss	01/09/2001	
		6,166,630		King	12/26/2000	
	_	5,887,479		Swanson	03/30/1999	
		5,755,036		Lewis	05/26/1998	
		5,448,835		Lewis	09/12/1996	
		5,376,785		Chin et al.	12/27/1994	
	 	H1364		Toeppen	10/04/1994	
		5,132,530		Groh et al.	07/21/1992	
-	L	5,070,237		Okuyama et al.	12/03/1991	
	<u> </u>	4,904,878		Gipp et al.	02/27/1990	
	\	4,880,990		Rando	11/14/1989	***
	 -	4,727,247		Johnston	02/23/1988	
		4,584,472		Wiblin et al.	04/22/1986	
		4,371,897		Kramer	02/01/1983	
	 					
		-				
	-					
						· · · · · · · · · · · · · · · · · · ·

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document		ocument	Name of Patentee or	Date of Publication	Pages, Columns, Lines, Where Relevant	т6
		Office ³	Number ⁴	Kind Code ⁵ (if known)	Applicant of Cited Document	of Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear	'
		EP	186138	····	Zeis	07/02/1986		
		UK	2173894		STC plc (United Kingdom)	10/22/1986		
		Japan	184706		The Furukawa Electric Co. Ltd.	07/19/1990		
		Japan	117116		K. K. Fujitsu	06/24/1985		_

Examiner Signature	Date Considered	

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Unique citation designation number.

² See attached Kinds of U.S. Patent Documents.

³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

⁶ Applicant is to place a check mark here if English language Translation is attached.